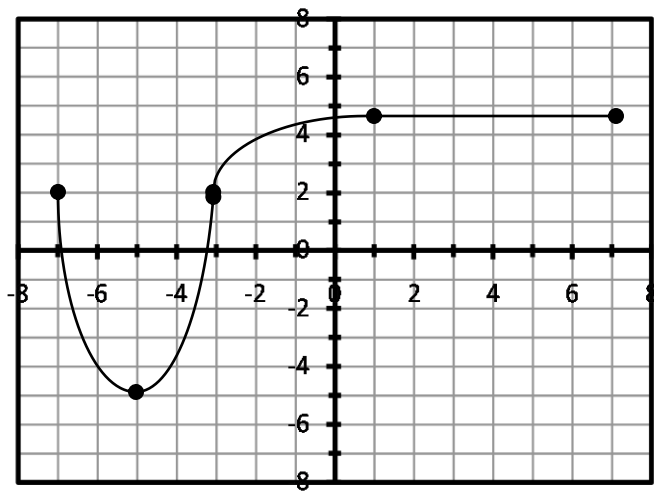
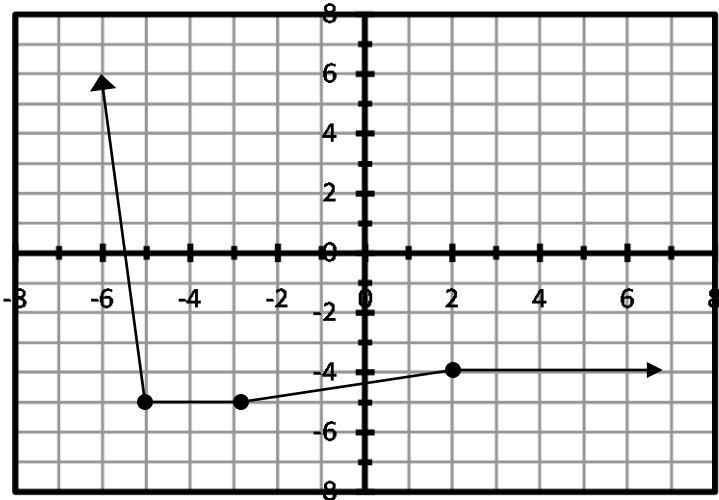




PART A: For each function below, place an *x* in the box that applies to each interval. (8 points)

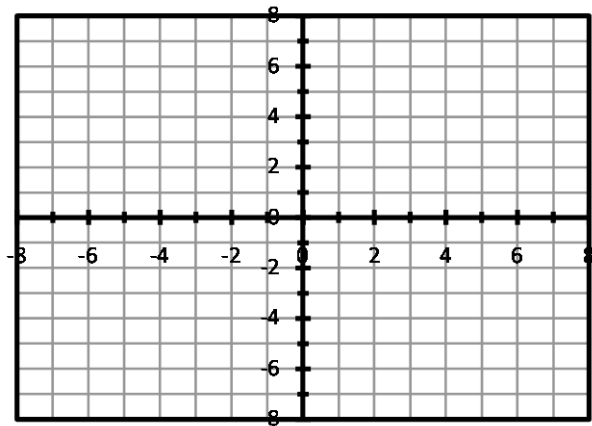


Interval	Increasing	Decreasing	Neither
$-7 < x < -5$			
$-5 < x < -3$			
$-3 < x < 1$			
$1 < x < 7$			

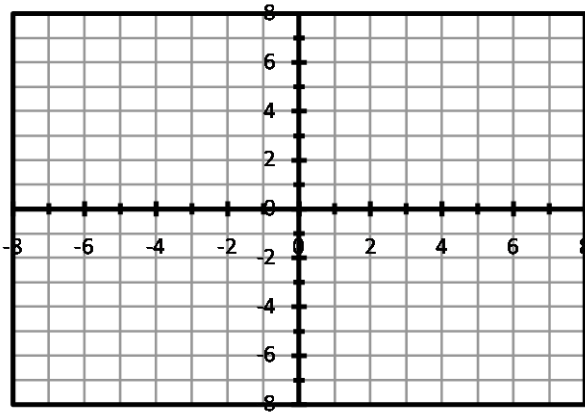


Interval	Increasing	Decreasing	Neither
$-6 < x < -5$			
$-5 < x < -3$			
$-3 < x < 2$			
$2 < x < 6$			

PART B: For each problem below, sketch a graph that matches the given intervals. (12 points—Answer vary)



Interval	Increasing	Decreasing	Neither
$-8 < x < -2$		<i>x</i>	
$-2 < x < 2$			<i>x</i>
$2 < x < 5$		<i>x</i>	
$5 < x < 8$	<i>x</i>		



Interval	Increasing	Decreasing	Neither
$-8 < x < -5$	<i>x</i>		
$-5 < x < -1$			<i>x</i>
$-1 < x < 4$	<i>x</i>		
$4 < x < 8$			<i>x</i>